

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	815	((bioreactor) or (optical sensor)) same (led and photodiode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 01:52
L2	3	((bioreactor) same (optical sensor)) same (led and photodiode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 01:52
L3	3	((bioreactor) and (optical sensor)) same (led and photodiode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 01:53
L4	0	((cell culture) and (optical sensor)) same (led and photodiode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 01:53
L5	0	((cell culture) and (optical sensor)) same (led ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 01:54
L6	52	((cell culture) and (optical sensor)) same (led ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/22 01:55
L7	14380	((cell culture) and (optical sensor)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/22 01:59
L8	17	((cell culture) with (optical sensor)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 01:59

L9	8340	((((cell culture) and (electrical sensor)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/22 03:00
L10	2	((((cell culture) with (electrical sensor)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:00
L11	1	(bioreactor with (electrical sensor) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:02
L12	42	(bioreactor with (electrical sensor) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/22 03:02
L13	2	((((cell culture) same (electrical sensor)) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:06
L14	7407	(electrical sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:07
L15	16	l14 and bioreactor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:07
L30	2	"5995029".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:22
L31	2	"5955029".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:22
L32	2	"6168948".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/22 03:26

S1	2	"6124138".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/10 16:19
S2	2	"6267858".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/10 16:25
S3	36	("3963355"   "4038151"   "5229297"   "5270183"   "5296375"   "5304487"   "5427946"   "5455175"   "5498392"   "5585242"   "5612473"   "5639612"   "5846727"   "5858804").PN. OR ("6124138").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2009/12/10 16:44
S4	380	((cell culture) and (chamber and (barrier or membrane or filter)) and (fluid channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 16:57
S5	50	((cell culture) same (chamber and (barrier or membrane or filter)) and (fluid channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 16:59
S6	198	((cell culture) and (chamber same (barrier or membrane or filter)) and (fluid channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:09
S7	22	((cell culture) same (chamber same (barrier or membrane or filter)) and (fluid channel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:09
S8	1	((cell culture) and (chamber same (barrier or membrane or filter)) and (fluid channel) and biofilm and bacteria and protozoa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:10
S9	5	((cell culture) and (chamber same (barrier or membrane or filter)) and (fluid channel) and biofilm and bacteria)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:11
S10	5	((cell culture) and (chamber same (barrier or membrane or filter)) and (fluid channel) and biofilm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:12

S11	118	((cell culture) and (chamber same (barrier or membrane or filter)) and (fluid channel) and bacteria)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:13
S12	9	((cell culture) and (chamber same (barrier or membrane or filter)) and (fluid channel) and bacteria and protozoa)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:13
S13	0	((((cell culture device) or bioreactor) and lid and (chamber same (barrier or membrane or filter)) and (fluid channel) and bacteria and (electrochemical measurement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:28
S14	0	((((cell culture device) or bioreactor) and lid and (chamber and(barrier or membrane or filter)) and (fluid channel) and bacteria and (electrochemical measurement))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:29
S15	0	((((cell culture device) or bioreactor) and lid and (chamber and(barrier or membrane or filter)) and (fluid channel) and bacteria and (potensioestat))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:30
S16	8	((((cell culture device) or bioreactor) and lid and (chamber and(barrier or membrane or filter)) and (fluid channel) and bacteria and (potentioestat))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:30
S17	8	((((cell culture device) or bioreactor) and (potentioestat) and lid and (chamber and (barrier or membrane or filter)) and (fluid channel) and bacteria )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:31

S18	0	((cell culture device) or bioreactor) and ((working electrode) and (counter electrode) and (reference electrode)) and lid and (chamber and (barrier or membrane or filter)) and (fluid channel) and bacteria )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:33
S19	3	((cell culture device) or bioreactor) same (potentiostat) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:38
S20	80	((cell culture device) or bioreactor) and (potentiostat) )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:40
S21	11	((cell culture device) or bioreactor) and (potentiostat) and (chamber same (barrier or membrane or filter)) and lid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:40
S22	18	((cell culture device) or bioreactor) and (potentiostat) and (chamber same (barrier or membrane or filter)) and (cover or lid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:44
S23	0	(435/289.1).pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:48
S24	1509	(435/289.1).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:49
S25	1	S22 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:49
S26	1	S19 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:50
S27	3	S20 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 17:50

S28	2	"20030107386".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 18:02
S29	2	"20030003571".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 18:23
S30	2	"20020086280".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/10 18:25
S31	2	"20060194273"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/18 18:07
S32	2	"20040142409"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/18 18:59
S33	2767	(bioreactor and coating and (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 18:51
S34	1474	(bioreactor and coating and (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:51
S35	81	(bioreactor same coating and (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:51
S36	31	(bioreactor same coating same (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:51
S37	2	"20020072116".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:57

S38	2	((bioreactor and (channel wall) same coating) same (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:58
S39	3	((bioreactor same (channel wall) and coating) and (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:59
S40	23	(( (channel wall) same coating) and (cell adhesion))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 18:59
S41	2	(bioreactor same lid same (slidably cover\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:09
S42	2	((bioreactor same lid) and (slidably cover\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:10
S43	99	((bioreactor same lid) and (cover\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:10
S44	57	((bioreactor same lid) same(cover\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:10
S45	9	((bioreactor same cover \$3) and slidably)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:15
S46	815	((bioreactor same cover \$3) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:16
S47	9	((((bioreactor or (cell culture deish)) same cover\$3) and slidably)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:17

S48	9	((bioreactor or (cell culture dish)) same cover\$3) and slidably)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:17
S49	9	((bioreactor or (cell culture device)) same cover\$3) and slidably)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:18
S50	9	((bioreactor or (cell culture device)) same (cover\$3 or lid) and slidably)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 19:18
S51	36	((bioreactor or (cell culture device)) same (cover\$3 or lid) and slidably)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 19:18
S52	184	((bioreactor or (cell culture device)) same ((pneumatic or mechanical) and valve)) and (control port))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:32
S53	152	((bioreactor ) same ((pneumatic or mechanical) and valve)) and (control port))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:32
S54	37	((bioreactor ) same ((pneumatic or mechanical) same valve)) and (control port))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:32
S55	62	((bioreactor ) and ((fluid control) same ((pneumatic or mechanical) same valve))) and (control port))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:37
S56	109	((bioreactor ) and ((fluid control valve) same ((pneumatic or mechanical) ))) and (control port))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:43
S57	2	((bioreactor ) and ((fluid control valve) same ((pneumatic or mechanical) ))) and (control port))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 20:43



S58	2	((bioreactor ) and ((fluid control valve) same ((pneumatic or mechanical) ))) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 20:43
S59	2	((bioreactor same (fluid control valve)) same (pneumatic or mechanical) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2009/12/21 20:50
S60	577	((bioreactor or reactor) same (fluid same control same valve)) same (pneumatic or mechanical) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:51
S61	46	((bioreactor or reactor) same (fluid same control same valve)) with (pneumatic or mechanical) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:52
S62	21	((microfluidic device) same (fluid same control same valve)) with (pneumatic or mechanical) )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 20:53
S63	24	(bioreactor and cultur\$3 and biofilm and bolus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2009/12/21 21:40

## EAST Search History (Interference)

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